



Reliability Data Exchange Under SMD

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Standards for the Standard Market Design
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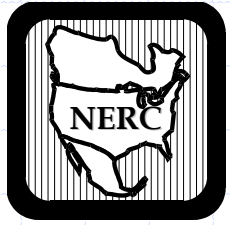
Robert W. Cummings

NERC Director of Projects, Analysis & Data Services



NERC Standards Setting Process

- ◆ NERC had been developing Operating Policies and Planning Standards for years
- ◆ NERC is transitioning to its Reliability Standards Development Process
 - Described in detail in the NERC Reliability Standard Process Manual – approved by the NERC Board June 2002
 - ANSI accreditation applied for and expected by year's end
 - Coordination with NAESB



Reliability Data Exchange – A Continuing Need

- ◆ NERC sees ongoing need for operational data exchange
 - Between merchants and system operators
 - Between operating entities
- ◆ SMD will not eliminate that need
 - Large RTOs require different operational data exchange between each other and the rest of the Interconnection
 - ◆ Parallel flows on other systems due to generation dispatch within an RTO must be managed
 - ◆ Iteration of LMP solutions between RTOs necessary to avoid overloads at seams & in other systems



What NERC is Doing

NERC is moving forward on

- ◆ PKI Security Project – single certificate system for the industry
 - Known to be necessary for electronic scheduling – SMD as well
 - Master Registry re-design to support PKI
 - ◆ NERC to administer – secure off-site hosting



What NERC is Doing

- ◆ NERC is committed to continued exchange of all necessary operational & planning data for reliability and will seek ways of improving it
 - Potential exchange of LMP generation dispatch solutions to supplement point-to-point tagging
 - ◆ Enable inter-RTO LMP iterative solution
 - ◆ Replace reliability data from tags for large area footprint of the RTO
 - ◆ Enable assignment of RTO responsibility in congestion management on third party systems
 - Cannot be done in vacuum from market information



How Will NERC Proceed

- ◆ NERC will use all necessary technical resources available
 - Transaction Information Systems Working Group
 - TISWG/OSC
 - NERC Data Exchange Working Group
 - EPRI – assistance with CIM if deemed appropriate for data exchange
- ◆ NERC Reliability Standards Development Process
 - Coordination with NAESB
 - Coordination with FERC